



Recombinant Human Pleiotrophin (PTN)

Product Code	CSB-EP019009HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P21246
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GKKEKPEK KVKKSDCGEW QWSVCVPTSG DCGLGTREGT RTGAECKQTM KTQRCKIPCN WKKQFGAECK YQFQAWGECD LNTALKTRTG SLKRALHNAE CQKTVTISKP CGKLTCPKPQ AESKKKKKEG KKQEKMLD
Source	E.coli
Target Names	PTN
Protein Names	Recommended name: Pleiotrophin Short name= PTN Alternative name(s): Heparin-binding brain mitogen Short name= HBBM Heparin-binding growth factor 8 Short name= HBGF-8 Heparin-binding growth-associated molecule Short
Expression Region	33-168
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.